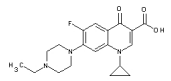

Formula: C19H22FN3O3

MW: 359.4

CAS: 93106-60-6

MDL NUMBER: MFCD00792463

IUPAC: 1-cyclopropyl-7-(4-ethylpiperazinyl)-6-fluoro-4-oxohydroquinoline-3-carboxylic acid

Smiles: c1(c(c2c(cc(N3CCN(CC3)CC)c(c2)F)n(c1)C1CC1)=O)C(=O)O

Enrofloxacin is a broad-spectrum antibiotic used to treat infections in animals caused by susceptible bacteria.

THERAPEUTIC CATEGORY: Antibiotic

ACCEPTORS: 3

DONORS: 1

ROTATION BONDS: 3

N+O: 6

Chiral Centers: 0

LogP: 1.7

LogS: -3.99

LIPINSKI: 4

Synonyms:
1,4-dihydro-1-cyclopropyl-7-(4-ethyl-1-piperazinyl)-6-fluoro-4-oxo-3-quinoli;3-quinolinecarboxylic acid,1,4-dihydro-1-cyclopropyl-7-(4-ethyl-1-piperazinyl);-6-fluoro-4-oxo-;bayvp2674;cfpq;ENROFLOXACIN HCL;ROFLOXACIN BASE;enrofloxacin Baytril

CAS:93106-60-6

MF:C19H22FN3O3

MW:359.4

EINECS:

Product Categories:Antibiotics for Research and Experimental Use;Biochemistry;Quinolones (Antibiotics for Research and Experimental Use);Intermediates & Fine Chemicals;Pharmaceuticals;Veterinaries Enrofloxacin

Chemical Properties: mp 225 C Merck 3592

CAS DataBase Reference: 93106-60-6(

CAS DataBase Reference:) Xi Risk Statements 36/37/38 Safety Statements 26-36/37 WGK Germany 3 RTECS VB1993650 Hazardous Substances Data93106-60-6(Hazardous Substances Data)
1-Cyclopropyl-7-(4-ethyl-1-piperazinyl)-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid Enrofloxacin

Usage And Synthesis:

Chemical Properties: Pale Yellow Crystals UsageFluorinated quinolone antibacterial Enrofloxacin